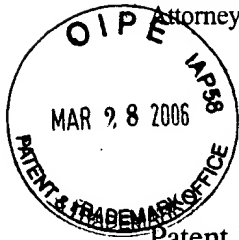


09/805640

C of C



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No. : 7,013,395  
Issued : March 14, 2006  
Patentees : Swiler, et al.  
Invention title : METHOD AND TOOL FOR NETWORK VULNERABILITY ANALYSIS

**Request for Certificate of Correction of Patent**  
**For PTO Mistake (37 CFR 1.322) and for Applicant's Mistake (37 CFR 1.323)**

ATTN: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia  
22313-1450

**Certificate**  
**MAR 30 2006**  
**of Correction**

Sir:

Applicants request that a Certificate of Correction be issued for US Patent No. 7,013,395 (Application Serial No. 09/805,640) issued March 14, 2006. Mistakes are present in the patent as a result of both Office mistake (misspellings of the Assignee's name and of the attorney's name) and Applicants' mistake (clerical errors in the specification). The mistakes attributable to Applicants are of a clerical or typographical nature and they are minor in character. The corrections do not constitute addition of new matter, and they do not require reexamination. For fee purposes, Applicants request that the Certificate of Corrections Branch process this petition according to 37 CFR 1.323, *Certificate of correction of applicant's mistake*. A Fee Sheet, Form PTO/SB/44 (in duplicate) and a photocopy of the United States Patent and Trademark Office Notice of Recordation of Assignment Document are enclosed with this Paper.

1. Attached, in duplicate, is Form PTO/SB/44, with at least one copy being suitable for printing.

**MAR 30 2006**

2. The exact page and line number where the errors occur in the application file are:

A. The patent cover page mistakenly identifies the Assignee as "Sandra Corporation" whereas it should read --Sandia Corporation--. This is due to a mistake on the part of the PTO.

B. The patent cover page mistakenly identifies the Agent, Attorney or Firm as "Russell D. Elliot" whereas it should read --Russell D. Elliott--. This is due to a mistake on the part of the PTO.

C. In the application specification on page 2, line 21 includes the words "A seminal tool, SATAN" whereas it should read --A seminal tool was SATAN--. This is due to a clerical mistake on the part of the Applicants.

D. In the application specification on page 5, line 7 includes the word "epsilonoptimal" whereas it should read --epsilon-optimal--. This is due to a clerical mistake on the part of the Applicants.

E. In the application specification on page 15, line 27 includes the words "Node C (with edge weight 10)" whereas it should read --Edge C (with edge weight 10)--. This is due to a clerical mistake on the part of Applicants.

All of the above mistakes were first discovered by Applicants upon receiving a copy of the issued patent.

Correction of the above mistakes is essential for the public to have a full understanding and appreciation of the invention. Therefore, the above mistakes should be corrected by issuance of a Certificate of Correction or by issuance of a corrected patent (37 CFR 1.322 and 37 CFR 1.323).

Patent No. 7,013,395

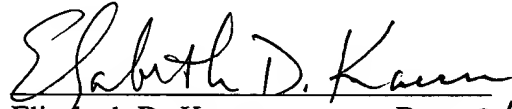
Attorney Docket No. ~~SD-6785/S-96,438~~  
~~SD-6528/S-93,789~~

3. Please enter a Certificate of Correction and forward the patentee' s copy to:

Sandia Corporation  
P.O. Box 5800 - MS-0161  
Albuquerque, NM 87185-0161

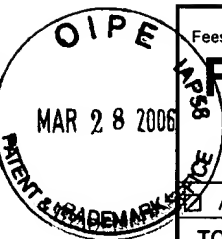
4. Because responsibilities for the mistakes made are shared by the PTO and the Applicants, a fee sheet is included for payment of the applicable \$100.00 fee according to 37 CFR 1.20(a), Fee Code 1811. If additional fees are necessary, please notify the attorney of record in this case, Russell D. Elliott (Reg. No. 35,497) at the same address listed above (ph. 505-844-5626) and charge Deposit Account No. 19-0131.

Sandia Corporation  
(Assignee)

  
Elizabeth D. Krauss      Date 3/23/06  
Corporate Secretary

Reel/Frame: 011688/0980

  X   Copy of Notice of Recordation of Assignment Document attached



Effective on 12/08/2004  
Fees pursuant to the Consolidated Appropriation Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL FOR FY 2005

## Complete if Known

<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
TOTAL AMOUNT OF PAYMENT (\$) <b>100.00</b>		Filing Date	3/13/2001
		First Named Inventor	Laura Painton Swiler
		Examiner Name	
		Art Unit	
		Attorney Docket No.	SD-6528

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Non e ☐ Other: (please identify: \_\_\_\_\_)

☒ Deposit Account No. 19-0131 Deposit Account Name: Sandia National Laboratories

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37

☒ CFR 1.16 an 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims Fee (\$)	Multiple Dependent Claims Fee Paid (\$)
20	-20 or HP = 0 X	\$50.00	= 0		

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3	-3 or HP = 0 X	\$200.00	= 0

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) X		
				Fee Paid (\$)

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Request for Certificate of Correction of Patent

100.00

#### SUBMITTED BY

Signature		Registration Number (Attorney/Agent)	35,497	Telephone: 505-844-5626
Name (Print/Type)	Russell D. Elliott	Date:	3/23/06	

MAR 30 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,013,395  
APPLICATION NO.: 09/805,640  
ISSUE DATE : March 14, 2006  
INVENTOR(S) : Laura Painton Swiler and Cynthia A. Phillips

Page 1 of 1

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the patent cover page, the Assignee should read as follows:

--Sandia Corporation, Albuquerque, NM (US)--

Also on the patent cover page, the *Attorney, Agent or Firm*— should read as follows:

--Russell D. Elliott--

Column 2, lines 8 to 10, “A seminal tool, SATAN” should read --A seminal tool was SATAN--.

Column 3, line 48, “epsilonoptimal” should read --epsilon-optimal--.

Column 10, line 34, “Node C” should read --Edge C--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Sandia Corporation

P. O. Box 5800 – MS 0161

Albuquerque, NM 87185-0161

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MAR 30 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,013,395 Page 1 of 1  
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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MAR 30 2006



5D-6528  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 26, 2001

PTAS



\*101680941A\*

SANDIA NATIONAL LABORATORIES  
TIMOTHY D. STANLEY  
P.O. BOX 5800  
MAIL STOP 0161  
ALBUQUERQUE NM 87185-0161

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/05/2001

REEL/FRAME: 011688/0980  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SWILER, LAURA PAINTON

DOC DATE: 02/28/2001

ASSIGNOR:

PHILLIPS, CYNTHIA A.

DOC DATE: 02/28/2001

ASSIGNEE:

SANDIA NATIONAL LABORATORIES  
P.O. BOX 5800  
MS 0161  
ALBUQUERQUE, NEW MEXICO 87185-0161

SERIAL NUMBER: 09805640  
PATENT NUMBER:

FILING DATE: 03/13/2001  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MAR 20 2006